

# ***PEST ALERT***

**Nevada Department of Agriculture**  
350 Capitol Hill Ave. Reno NV 89502  
(775) 688-1182

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## **Emerald Ash Borer Quarantine Area Expanded Ash Tree Pest Found in Michigan, Ohio and Maryland**

**The Nevada Department of Agriculture (NDA) is asking all Nevada nurseries, landscape contractors, landscapers, and other businesses that may have purchased ash trees from Michigan, Ohio or Maryland in the last year to notify NDA.**

Nevada businesses licensed to sell nursery stock should be aware that the **emerald ash borer** (*Agrilus planipennis*) has now been found in 13 counties in Michigan, two counties in Ohio, and one location in Maryland. A quarantine is in effect for the state of Michigan, prohibiting the movement of all ash nursery stock or ash lumber products into or out of the 13 infested counties. In August the emerald ash borer (EAB) was detected in a Maryland nursery infesting ash nursery stock. The nursery stock has been destroyed in an effort to prohibit the spread of this highly damaging pest.

### **What You Can Do**

This pest will move in infested nursery stock. The full extent to which EAB has moved within U.S. borders is unknown at this time. NDA asks all business that import nursery stock from out of state to be particularly vigilant regarding the source of *Fraxinus* purchased. Do *not* accept *Fraxinus* from Michigan unless accompanied by Michigan Department of Agriculture-issued quarantine documents verifying that they are from an area of Michigan outside of the EAB quarantine area. Thoroughly inspect all *Fraxinus* trees received at your nursery and contact NDA immediately if you suspect the presence of EAB. NDA requests that you also carefully inspect ash trees in neighborhoods and commercial landscapes for the presence of symptoms shown below.

### **Symptoms of Emerald Ash Borer Infestation**

Affected trees show die-back on the upper third of the tree, D-shaped exit holes in the bark where adults emerge, vertical splits in the bark, copious sprouting of new growth below the dead portions of the trunk, and serpentine-shaped tunnels beneath the bark at the cambium layer.

### **What the Pest Looks Like**

The emerald ash borer belongs to a group of insects known as metallic wood-boring beetles. Adults are metallic brassy green in color, ½ inch in length and 1/16<sup>th</sup> inch wide. In Michigan and Ohio the adults are present only from mid-May until late July. Larvae are creamy white in color and flattened, with a brown head. There are 10 segments in the abdomen with brown pincer-like appendages on the last segment. The larvae are found under the bark

### **Who to Contact**

Contact Jeff Knight, state entomologist with the Nevada Department of Agriculture office in Reno by calling (775) 688-1182 extension 245, or e-mail at [jknight@govmail.state.nv.us](mailto:jknight@govmail.state.nv.us). In southern Nevada, call NDA at (702) 486-4690.

### **More Information**

USDA Forest Service Fact Sheet <http://www.na.fs.fed.us/spfo/eab/index.html>

Michigan State University [http://www.msue.msu.edu/reg\\_se/roberts/ash/index.html](http://www.msue.msu.edu/reg_se/roberts/ash/index.html)

Michigan Dept. of Agriculture [http://www.michigan.gov/documents/EAB\\_Brochure\\_FINAL\\_52111\\_7.pdf](http://www.michigan.gov/documents/EAB_Brochure_FINAL_52111_7.pdf)